

CLAIMS

1.- A horn of the type incorporating, starting from a blow tube, coaxial pressure and acoustic chambers between which a vibrating strip is arranged, characterized in that said vibrating strip consists of a plastic coated aluminum strip that is coaxial with the acoustic chamber and fixed at its periphery to the free edge of the partition forming the enclosing or pressure chamber.

2.- A horn according to claim 1, characterized in that the opening of the partition of the pressure chamber which the vibrating strip is fixed to is notably drawn in with respect to the free end of the cylindrical tube forming the pressure chamber.

3.- A horn according to the previous claims, characterized in that the acoustic chamber and the pressure chamber form a one-piece body in which a tubular and cylindrical area configures the acoustic chamber, whereas a cap-shaped area configures the pressure chamber, which envelopes the former and is coaxial with it.

4.- A horn according to the previous claims, characterized in that the area of the body forming the acoustic chamber, in its section opposite to the pressure chamber, adopts a bell-mouthed configuration, in the manner of a trumpet, divergent towards its free end.

5.- A horn according to claim 1, characterized in that the vibrating strip is fixed to the free edge of the partition forming the pressure chamber by means of ultrasonic welding.

6.- A horn according to claim 1, characterized in that the vibrating strip is fixed to the free edge of the partition forming the pressure chamber by means of heat sealing.

7.- A horn according to the previous claims, characterized in that the opening of the partition forming the pressure chamber has at least part of the surface of its edge grooved so as to favor the attachment of the vibrating strip.

8.- A horn according to the previous claims,

characterized in that the opening of the partition forming the pressure chamber has an extension of the partition of the pressure chamber in its outer area, said extension being bent over the vibrating membrane once it has been fixed to the horn body.

5 9.- A horn according to the previous claims, characterized in that collaborating with it is an also tubular auxiliary T-shaped part connected to the blow tubes such that it removably and non-removably couples two horns together, leaving a common outlet free.

10 10.- A horn according to claim 9, characterized in that the common outlet of the T-shaped auxiliary part has at least one hole in the manner of a flute.

15 11.- A horn according to claim 3, characterized in that the cap is semi-spherical.

12.- A horn according to claim 3, characterized in that the cap is semi-ellipsoidal.

20 13.- A horn according to the previous claims, characterized in that it has a small loop, ring or the like.